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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/627,119	07/24/2003	Gary W. DiTroia	003B.0033.U2(US)	3915
29683	7590	08/22/2005	EXAMINER	
HARRINGTON & SMITH, LLP			TRINH, MINH N	
4 RESEARCH DRIVE			ART UNIT	
SHELTON, CT 06484-6212			PAPER NUMBER	

3729

DATE MAILED: 08/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/627,119

Applicant(s)

DITROIA, GARY W.

Examiner

Minh Trinh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on (see interview summary dated 8/5/05).
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 11-16 and 20-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 11-16 and 20-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

Further, applicant argues (see petition filed on or about 1/27/05) with respect to the non-elected claims 24-28 has been careful evaluated and are found to be persuasive. Therefore, claims 24-28 are no longer being withdrawn from consideration. The examination on the merits of claims 10-16 and 20-28 as follows:

Claim Objections

2. "A" (claims 25-28) should be changed to: --The--, to reflect the dependent claim formats. Appropriate correction is required.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 11-16 and 20-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over O.J. Alvarez (2,580,269) in view of either Simon (4,982,592) or O'Loughlin (3,744,006)

Alvarez discloses a method for forming connector comprising: provide metal member 10, and bending the metal member 10 such that the channel forms two angled

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conductor receiving areas 30, 32, each conductor receiving area having a channel axis angled relative to each other (see Figs. 1 and 2, depicts a C metal channel). Alvarez does not teach the extruding channel metal. Simon discloses the extruding process for channel material as to form a connection channeled sleeve (see the discussion at col. 2, lines 20-32) and/or O' Loughlin (see col. 3, lines 18-29) discloses the extruding process for extending the length of the connector. Therefore, it would have been obvious to one having skill in the art at the time of the invention was made to employ the teachings as described in details above onto the method invention of O.J. Alvarez in order to form a desired connector by using the old and available techniques (i.e., extrusion). Note that the centerline of references 30 and 32 represented "a channel axis angled relative to each other" as broadly claimed by the present invention.

As applied to claims 12-15, and 24-27, noting Figs. 1-2 of O.J. Alvarez discloses the metal member having the shape and or configuration as recited in these claims, i.e., a slot about reference 18 along a side into the channel (see Fig. 1).

As applied to claims 16, 28, O.J. Alvarez discloses the bending the metal member to form an angle of at least 45 degrees (see Fig. 2).

Limitations of claims 20-28 are also met by O.J. Alvarez (see Figs. 1-2 and similar to the discussion as described above).

Response to Arguments

5. Applicant's arguments with respect to rejected claims have been considered but are moot in view of the new ground(s) of rejection.

Prior Art References

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Prior art references are cited for their teaching of method of manufacturing connector or the like.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh Trinh whose telephone number is (571) 272-4569. The examiner can normally be reached on Monday -Thursday 8:00 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Vo can be reached on (571) 272-4690. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

mt

8/18/05



Minh Trinh

Primary Examiner